

# DAY 062/063 LOW POWER RECOVERY TIMELINE

1. PSIB B powered ON at 062 18:59:56
2. WBFILTER command sent at 19:14:13
3. TSM 1 Thresh 1 (75% Bat 1 SOC reached) at 21:18:38
4. TSM 2 Thresh 0 (70% Bat 2 SOC reached - Loadshed initiated) at 21:29:14
5. RTS 2 (Loadshed) Started at 21:29:14
6. TSM 1 Thresh 0 (70% Bat 1 SOC reached - but Loadshed already started) at 21:30:28
7. RTS 15 ( Non-Ess Relays Open) Started at 21:30:47
8. CERES/LIS/TMI/HPT/VIRS/PR OFF at 21:30:47

RECOVERY STEPS (Note: not every command in procedures is shown: only highlights)

1. WBSPAOGAING1 command sent at 22:44:15
2. LOW\_POWER\_RECOVERY procedure started at 22:45:02  
LOW\_POWER\_RECOVERY procedure ended at 22:47:29      Duration 2 min 27 sec
3. WPR\_RFPS\_RELAY procedure started at 23:22:51  
    WANEBAEN command sent at 23:24:58  
    MASHTRPWR = ON at 23:25:29  
WPR\_RFPS\_RELAY procedure ended at 23:25:29      Duration 2 min 38 sec
4. MPWRON procedure started at 23:28:03  
    MAPWR = ON at 23:29:29  
MPWRON procedure ended at 23:30:04  
MSPINUP procedure started at 23:30:55  
    MSPINUPCMDST = ON at 23:33:48  
MSPINUP procedure ended at 23:33:49  
MRCVRSON procedure started at 23:34:07  
    MRMCMDST = ON at 23:34:25  
MRCVRSON procedure ended at 23:34:26      Duration 6 min 23 sec
5. RAHPT ON command sent at 23:34:54  
    RA\_HPT = ON at 23:35:05      Duration 0 min 11 sec
6. PRSTARTON procedure started at 23:57:33  
    PR in STANDBY at 063:00:01:16  
    PTXCODE103 procedure started at 00:01:46  
    PTXCODE103 procedure ended at 00:11:52      Duration 10 min 03 sec  
    PRXCODE103 procedure started at 00:12:48  
    PRXCODE103 procedure ended at 00:21:37      Duration 08 min 49 sec  
    PR in OBSERVATION at 00:22:27  
PRSTARTON procedure ended at 00:22:27      Duration 24 min 54 sec
7. PRXATTN 9db command sent at 00:22:51

8. VPWRON procedure started at 00:53:57  
    VAPWR = ON at 00:54:33  
    VTIMEPATCH1 sent at 00:54:46  
    VTIMEPATCH2 sent at 00:55:06  
    VMISSMD sent at 00:55:16  
    VSCANDRV = ON at 00:55:40  
VPWRON procedure ended at 00:55:42  
Duration 01 min 45 sec  
VINSTGHTR OFF command sent at 00:56:35  
VOUTGAS ENABLE command sent at 00:57:16  
VRADCDROP procedure started at 00:59:15  
    VRCDOTGS = OUTGAS at 00:59:44  
    VRCDOPN = OPEN at 01:00:41  
VRADCDROP procedure ended at 01:00:42  
Duration 01 min 27 sec  
VSHUTTER procedure started at 01:01:33  
    VSHSHR = OPEN at 01:02:07  
VSHUTTER procedure ended at 01:02:08  
Duration 00 min 35  
sec  
VOPSHTRS procedure started at 01:02:43  
    V15WOHTRA = ON at 01:03:14  
VOPSHTRS procedure ended at 01:03:22  
Duration 00 min 39  
sec  
VLWIRGAIN ATTENUATE command sent at 01:04:06  
VSERVOMODE LOW command sent at 01:04:19  
Duration 10 min 22 sec
9. LPWRON procedure started at 01:06:28  
    LAPWR = ON at 01:06:56  
    LTHRESH procedure started at 01:07:41  
    LTHRESH procedure ended at 01:08:13  
LPWRON procedure ended at 01:08:14  
Duration 01 min 46 sec  
LBKGNDMDON procedure started at 01:09:01  
LBKGNDMDON procedure ended at 01:09:24  
Duration 00 min 23 sec  
Duration 02 min 56 sec
10. VINFOFLGRST command sent at 01:09:50
11. CPWRON procedure started at 01:32:58  
    CAPWR = ON at 01:33:36  
    Patch1 sent at 01:34:38  
    Patch2 sent at 01:35:10  
    Patch3 sent at 01:35:39  
    Patch4 sent at 01:35:59  
    Patch5 sent at 01:36:26  
    Patch6 sent at 01:36:46  
    CINSTMODE = STDBY at 01:43:05  
    CINSTMODE = CT at 01:43:43

CPWRON procedure ended at 01:43:45

Duration 10 min 47 sec

## REAL-TIME CONTACT EVENTS

### START

062-18:57:00  
062-20:36:00  
062-21:37:00  
062-22:42:00  
062-23:20:00  
062-23:56:00  
063-00:52:00  
063-01:30:00

### STOP

062-19:17:00 (Initial PSIB B power on)  
062-20:56:00  
062-21:57:00  
062-22:53:00 (Added event)  
062-23:40:00  
063-00:25:00 (Added event)  
063-01:12:00  
063-01:50:00